

## Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTANXR1625

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1	Web Page for STN Seminar Schedule - N. America	
NEWS 2	MAR 15	WPIIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 3	MAR 16	CASREACT coverage extended
NEWS 4	MAR 20	MARPAT now updated daily
NEWS 5	MAR 22	LWPII reloaded
NEWS 6	MAR 30	RDISCLOSURE reloaded with enhancements
NEWS 7	APR 02	JICST-EPLUS removed from database clusters and STN
NEWS 8	APR 30	GENBANK reloaded and enhanced with Genome Project ID field
NEWS 9	APR 30	CHEMCATS enhanced with 1.2 million new records
NEWS 10	APR 30	CA/CAplus enhanced with 1870-1889 U.S. patent records
NEWS 11	APR 30	INPADOC replaced by INPADOCDB on STN
NEWS 12	MAY 01	New CAS web site launched
NEWS 13	MAY 08	CA/CAplus Indian patent publication number format defined
NEWS 14	MAY 14	RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 15	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS 16	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS 17	MAY 21	CA/CAplus enhanced with additional kind codes for German patents
NEWS 18	MAY 22	CA/CAplus enhanced with IPC reclassification in Japanese patents
NEWS 19	JUN 18	CA/CAplus to be enhanced with pre-1967 CAS Registry Numbers
NEWS EXPRESS	NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.	

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 09:18:31 ON 21 JUN 2007

=> file reg  
COST IN U.S. DOLLARS  
  
FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 09:18:46 ON 21 JUN 2007  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 20 JUN 2007 HIGHEST RN 938114-25-1  
DICTIONARY FILE UPDATES: 20 JUN 2007 HIGHEST RN 938114-25-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

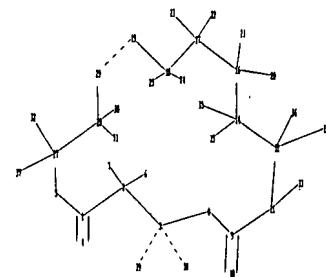
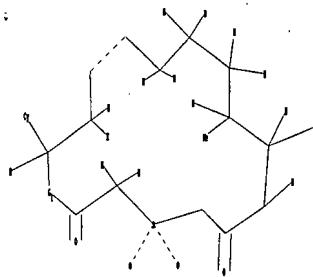
TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>  
Uploading C:\Program Files\Stnexp\Queries\10580992b.str



chain nodes :

4 6 7 10 13 15 20 21 22 23 24 25 30 31 32 33 35 36 37 38 39

ring nodes :

1 2 3 5 8 9 11 12 14 16 17 18 19 27 28 29

chain bonds :

1-4 2-6 2-7 3-38 3-39 9-10 11-33 12-13 12-36 14-15 14-35 16-20 16-21  
17-22 17-23 18-24 18-25 27-32 27-37 28-30 28-31

ring bonds :

1-2 1-5 2-3 3-8 5-27 8-9 9-11 11-12 12-14 14-16 16-17 17-18 18-19  
19-29 27-28 28-29

exact/norm bonds :

1-2 1-4 1-5 2-3 2-6 2-7 3-8 3-38 3-39 5-27 8-9 9-10 9-11 11-12 11-33  
12-13 12-14 12-36 14-15 14-16 14-35 16-17 16-20 16-21 17-18 17-22 17-23  
18-19 18-24 18-25 19-29 27-28 27-32 27-37 28-29 28-30 28-31

isolated ring systems :

containing 1 :

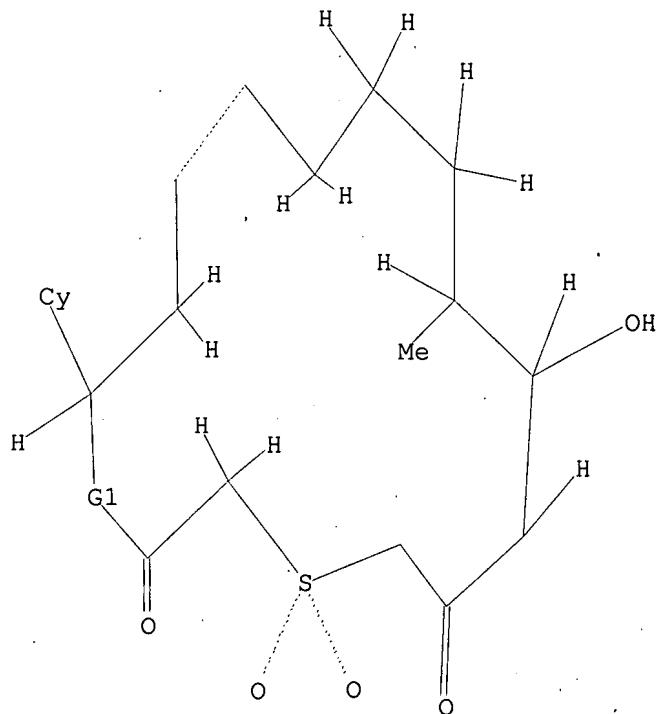
G1:O,N

Match level :

1:Atom 2:Atom 3:Atom 4:CLASS 5:Atom 6:CLASS 7:CLASS 8:Atom 9:Atom 10:CLASS  
11:Atom 12:Atom 13:CLASS 14:Atom 15:CLASS 16:Atom 17:Atom 18:Atom 19:Atom  
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 27:Atom 28:Atom  
29:Atom 30:CLASS 31:CLASS 32:Atom 33:CLASS 35:CLASS 36:CLASS 37:CLASS  
38:CLASS 39:CLASS

L1 STRUCTURE UPLOADED

=> d 11  
L1 HAS NO ANSWERS  
L1 STR



G1 O,N

Structure attributes must be viewed using STN Express query preparation.

=> s 11  
SAMPLE SEARCH INITIATED 09:19:06 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 0 TO 0  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s 11 full  
FULL SEARCH INITIATED 09:19:12 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 30 TO ITERATE

100.0% PROCESSED 30 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=> log y  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

	SINCE FILE ENTRY	TOTAL SESSION
	172.10	172.31

STN INTERNATIONAL LOGOFF AT 09:19:16 ON 21 JUN 2007

## Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: SSPTANXR1625

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format  
NEWS 3 MAR 16 CASREACT coverage extended  
NEWS 4 MAR 20 MARPAT now updated daily  
NEWS 5 MAR 22 LWPII reloaded  
NEWS 6 MAR 30 RDISCLOSURE reloaded with enhancements  
NEWS 7 APR 02 JICST-EPLUS removed from database clusters and STN  
NEWS 8 APR 30 GENBANK reloaded and enhanced with Genome Project ID field  
NEWS 9 APR 30 CHEMCATS enhanced with 1.2 million new records  
NEWS 10 APR 30 CA/CAplus enhanced with 1870-1889 U.S. patent records  
NEWS 11 APR 30 INPADOC replaced by INPADOCDB on STN  
NEWS 12 MAY 01 New CAS web site launched  
NEWS 13 MAY 08 CA/CAplus Indian patent publication number format defined  
NEWS 14 MAY 14 RDISCLOSURE on STN Easy enhanced with new search and display fields  
NEWS 15 MAY 21 BIOSIS reloaded and enhanced with archival data  
NEWS 16 MAY 21 TOXCENTER enhanced with BIOSIS reload  
NEWS 17 MAY 21 CA/CAplus enhanced with additional kind codes for German patents  
NEWS 18 MAY 22 CA/CAplus enhanced with IPC reclassification in Japanese patents  
NEWS 19 JUN 18 CA/CAplus to be enhanced with pre-1967 CAS Registry Numbers

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 09:49:48 ON 21 JUN 2007

=> file reg  
COST IN U.S. DOLLARS  
  
FULL ESTIMATED COST

SINCE FILE ENTRY 0.21	TOTAL SESSION 0.21
-----------------------------	--------------------------

FILE 'REGISTRY' ENTERED AT 09:49:59 ON 21 JUN 2007  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 20 JUN 2007 HIGHEST RN 938114-25-1  
DICTIONARY FILE UPDATES: 20 JUN 2007 HIGHEST RN 938114-25-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

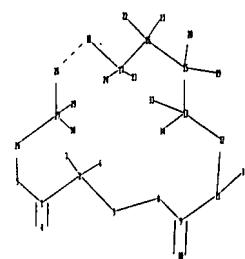
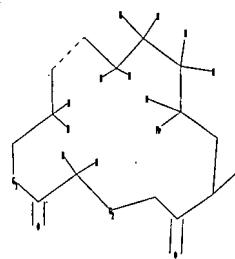
TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>  
Uploading C:\Program Files\Stnexp\Queries\10580992.str



chain nodes :

4 6 7 10 14 19 20 21 22 23 24 29 30 31 33 34 35 36 37

ring nodes :

1 2 3 5 8 9 11 12 13 15 16 17 18 26 27 28

chain bonds :

1-4 2-6 2-7 9-10 11-31 13-14 13-33 15-19 15-20 16-21 16-22 17-23 17-24  
27-29 27-30 36-37

ring bonds :

1-2 1-5 2-3 3-8 5-26 8-9 9-11 11-12 12-13 13-15 15-16 16-17 17-18  
18-28 26-27 27-28

exact/norm bonds :

1-2 1-4 1-5 2-3 2-6 2-7 3-8 5-26 8-9 9-10 9-11 11-12 11-31 12-13  
13-14 13-15 13-33 15-16 15-19 15-20 16-17 16-21 16-22 17-18 17-23 17-24  
18-28 26-27 27-28 27-29 27-30 36-37

G1:O,N

G2:[\*1-\*2], [\*3-\*4], [\*5-\*6]

Match level :

1:Atom 2:Atom 3:Atom 4:CLASS 5:Atom 6:CLASS 7:CLASS 8:Atom 9:Atom 10:CLASS  
11:Atom 12:Atom 13:Atom 14:CLASS 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS  
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 26:Atom 27:Atom 28:Atom  
29:CLASS 30:CLASS 31:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS

L1 STRUCTURE UPLOADED

=> d 11  
L1 HAS NO ANSWERS  
L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
FULL ESTIMATED COST ENTRY SESSION  
0.45 0.66

FILE 'CAPLUS' ENTERED AT 09:50:34 ON 21 JUN 2007  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 21 Jun 2007 VOL 146 ISS 26  
FILE LAST UPDATED: 20 Jun 2007 (20070620/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.  
They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 11 full  
REG1stRY INITIATED  
Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 09:50:44 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 21238 TO ITERATE

100.0% PROCESSED 21238 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.02

L2 3 SEA SSS FUL L1

L3 1 L2

=> file reg  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
FULL ESTIMATED COST ENTRY SESSION  
0.47 173.70

FILE 'REGISTRY' ENTERED AT 09:51:06 ON 21 JUN 2007  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 20 JUN 2007 HIGHEST RN 938114-25-1  
DICTIONARY FILE UPDATES: 20 JUN 2007 HIGHEST RN 938114-25-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> s 11 full  
FULL SEARCH INITIATED 09:51:10 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 21238 TO ITERATE

100.0% PROCESSED 21238 ITERATIONS 3 ANSWERS  
SEARCH TIME: 00.00.01

L4 3 SEA SSS FUL L1

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
FULL ESTIMATED COST ENTRY SESSION  
172.10 345.80

FILE 'CPLUS' ENTERED AT 09:51:15 ON 21 JUN 2007  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is  
held by the publishers listed in the PUBLISHER (PB) field (available  
for records published or updated in Chemical Abstracts after December  
26, 1996), unless otherwise indicated in the original publications.  
The CA Lexicon is the copyrighted intellectual property of the  
American Chemical Society and is provided to assist you in searching  
databases on STN. Any dissemination, distribution, copying, or storing

of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 21 Jun 2007 VOL 146 ISS 26  
FILE LAST UPDATED: 20 Jun 2007 (20070620/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.  
They are available for your review at:

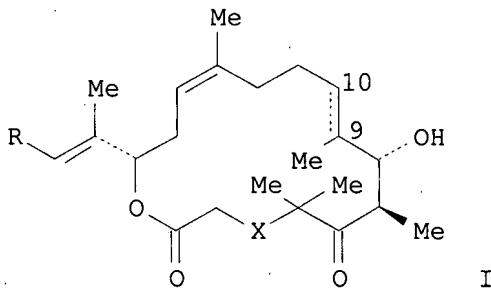
<http://www.cas.org/infopolicy.html>

=> s 14 full  
L5 1 L4

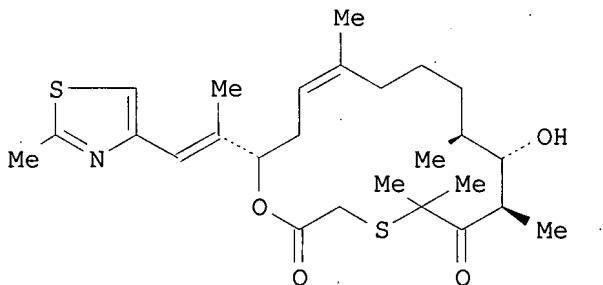
=> d ibib abs hitstr tot

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2005:493605 CAPLUS  
DOCUMENT NUMBER: 143:26422  
TITLE: Preparation of macrocyclic thiaepothilones for treating cancer  
INVENTOR(S): Wessjohann, Ludger A.; Eichelberger, Uwe; Thi Phuong, Thao Tran  
PATENT ASSIGNEE(S): Leibniz-Institut fuer Pflanzenbiochemie IPB, Germany  
SOURCE: PCT Int. Appl., 42 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005051947	A1	20050609	WO 2004-EP13451	20041126
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10355223	A1	20050630	DE 2003-10355223	20031126
EP 1687301	A1	20060809	EP 2004-798099	20041126
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
US 2007105905	A1	20070510	US 2005-580992	20050526
PRIORITY APPLN. INFO.:			DE 2003-10355223	A 20031126
			WO 2004-EP13451	W 20041126
OTHER SOURCE(S):	MARPAT	143:26422		
GI				



I



II

AB Thiaepothilone macrolides, such as I [R = heteroaryl, such as 2-methyl-4-thiazolyl, 2-methyl-4-oxazolyl or 6-methyl-2-pyridinylmethyl; X = S, SO, SO<sub>2</sub>; 9,10-bond = single or double], were prepared for therapeutic use and antitumor agents. Thus, thiaepothilone macrolide II was prepared via a multistep macrocyclization sequence starting from Me<sub>2</sub>CHCOCH<sub>2</sub>Me, HSCH<sub>2</sub>CO<sub>2</sub>Et, (BrCH<sub>2</sub>)<sub>2</sub>CO, neryl bromide and tributyl[(2-methyl-4-thiazolyl)methyl]phosphonium chloride. The prepared thiaepothilones were assayed for their effect on cell proliferation of MCF7, L929 and A549 cancer cell lines.

IT 853023-23-1P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

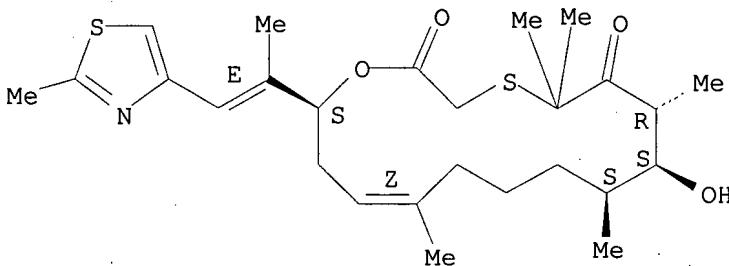
(preparation of macrocyclic thiaepothilones for treating cancer)

RN 853023-23-1 CAPLUS

CN 1-Oxa-4-thiacyclohexadec-13-ene-2,6-dione, 8-hydroxy-5,5,7,9,13-pentamethyl-16-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, (7R,8S,9S,13Z,16S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



IT 853023-24-2P 853023-26-4P

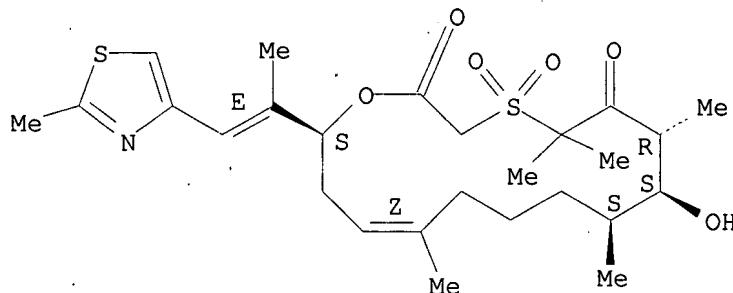
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of macrocyclic thiaepothilones for treating cancer)

RN 853023-24-2 CAPLUS

CN 1-Oxa-4-thiacyclohexadec-13-ene-2,6-dione, 8-hydroxy-5,5,7,9,13-pentamethyl-16-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, 4,4-dioxide, (7R,8S,9S,13Z,16S)- (9CI) (CA INDEX NAME)

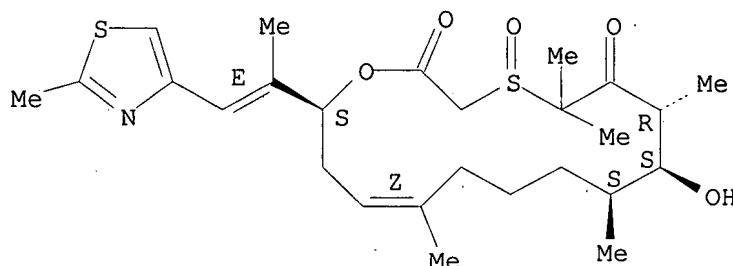
Absolute stereochemistry.  
Double bond geometry as shown.



RN 853023-26-4 CAPLUS

CN 1-Oxa-4-thiacyclohexadec-13-ene-2,6-dione, 8-hydroxy-5,5,7,9,13-pentamethyl-16-[(1E)-1-methyl-2-(2-methyl-4-thiazolyl)ethenyl]-, 4-oxide, (7R,8S,9S,13Z,16S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



REFERENCE COUNT:

4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 09:49:48 ON 21 JUN 2007)

FILE 'REGISTRY' ENTERED AT 09:49:59 ON 21 JUN 2007  
L1 STRUCTURE UPLOADED

FILE 'CAPLUS' ENTERED AT 09:50:34 ON 21 JUN 2007  
S L1

FILE 'REGISTRY' ENTERED AT 09:50:44 ON 21 JUN 2007  
L2 3 S L1 FULL

FILE 'CAPLUS' ENTERED AT 09:50:46 ON 21 JUN 2007  
L3 1 S L2 FULL

FILE 'REGISTRY' ENTERED AT 09:51:06 ON 21 JUN 2007  
L4 3 S L1 FULL

FILE 'CAPLUS' ENTERED AT 09:51:15 ON 21 JUN 2007  
L5 1 S L4 FULL

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.62	353.42
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.78	-0.78

STN INTERNATIONAL LOGOFF AT 09:54:02 ON 21 JUN 2007

## Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTANXR1625

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 09:08:30 ON 21 JUN 2007

=> file reg  
COST IN U.S. DOLLARS  
  
FULL ESTIMATED COST

SINCE FILE ENTRY 0.21	TOTAL SESSION 0.21
-----------------------------	--------------------------

FILE 'REGISTRY' ENTERED AT 09:08:52 ON 21 JUN 2007  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 20 JUN 2007 HIGHEST RN 938114-25-1  
DICTIONARY FILE UPDATES: 20 JUN 2007 HIGHEST RN 938114-25-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

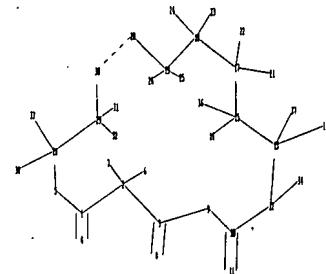
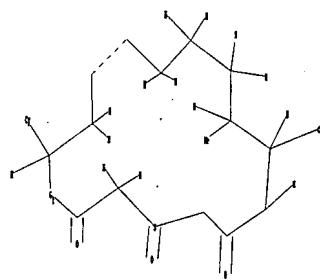
TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>  
Uploading C:\Program Files\Stnexp\Queries\10580992.str



chain nodes :

4 6 7 8 11 14 16 21 22 23 24 25 26 31 32 33 34 36 37 38

ring nodes :

1 2 3 5 9 10 12 13 15 17 18 19 20 28 29 30

chain bonds :

1-4 2-6 2-7 3-8 10-11 12-34 13-14 13-37 15-16 15-36 17-21 17-22 18-23  
18-24 19-25 19-26 28-33 28-38 29-31 29-32

ring bonds :

1-2 1-5 2-3 3-9 5-28 9-10 10-12 12-13 13-15 15-17 17-18 18-19 19-20  
20-30 28-29 29-30

exact/norm bonds :

1-2 1-4 1-5 2-3 2-6 2-7 3-8 3-9 5-28 9-10 10-11 10-12 12-13 12-34  
13-14 13-15 13-37 15-16 15-17 15-36 17-18 17-21 17-22 18-19 18-23 18-24  
19-20 19-25 19-26 20-30 28-29 28-33 28-38 29-30 29-31 29-32

isolated ring systems :

containing 1 :

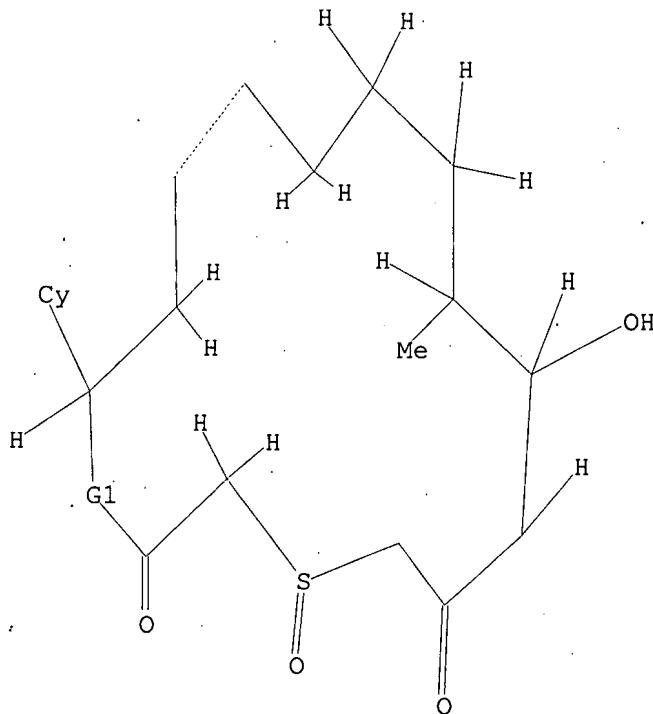
G1:O,N

Match level :

1:Atom 2:Atom 3:Atom 4:CLASS 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:Atom 10:Atom  
11:CLASS 12:Atom 13:Atom 14:CLASS 15:Atom 16:CLASS 17:Atom 18:Atom 19:Atom  
20:Atom 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 28:Atom  
29:Atom 30:Atom 31:CLASS 32:CLASS 33:Atom 34:CLASS 36:CLASS 37:CLASS  
38:CLASS

L1        STRUCTURE UPLOADED

=> d 11  
L1 HAS NO ANSWERS  
L1            STR



G1 O, N

Structure attributes must be viewed using STN Express query preparation.

=> s 11  
SAMPLE SEARCH INITIATED 09:09:50 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED -            0 TO ITERATE

100.0% PROCESSED            0 ITERATIONS            0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:    ONLINE    \*\*COMPLETE\*\*  
                                  BATCH    \*\*COMPLETE\*\*  
PROJECTED ITERATIONS:        0 TO            0  
PROJECTED ANSWERS:           0 TO            0

L2        0 SEA SSS SAM L1

=> s 11 full  
FULL SEARCH INITIATED 09:09:57 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED -            75 TO ITERATE

100.0% PROCESSED            75 ITERATIONS            0 ANSWERS  
SEARCH TIME: 00.00.01

L3        0 SEA SSS FUL L1

=> d his

(FILE 'HOME' ENTERED AT 09:08:30 ON 21 JUN 2007)

FILE 'REGISTRY' ENTERED AT 09:08:52 ON 21 JUN 2007

L1                   STRUCTURE UPLOADED  
L2                   0 S L1  
L3                   0 S L1 FULL

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	172.55	172.76

STN INTERNATIONAL LOGOFF AT 09:10:21 ON 21 JUN 2007